

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09933914 on June 19, 2006

- 5 370/312 (3 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/312 .Message addressed to multiple destinations
- 3 370/329 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment
- 3 370/330 (0 OR, 3 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/330 ...Having both time and frequency assignment
- 3 370/337 (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/336 ...Combining or distributing information via  
time channels  
370/337 ....Multiple access (e.g., TDMA)
- 3 370/401 (1 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/351 PATHFINDING OR ROUTING  
370/389 .Switching a message which includes an address  
header  
370/400 ..Having a plurality of nodes performing  
distributed switching  
370/401 ...Bridge or gateway between networks
- 3 455/466 (0 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/466 .Auxiliary data signaling (e.g., short message  
service (SMS))
- 3 455/502 (1 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/501 ..Noise, distortion, or singing reduction  
455/502 ...Synchronized stations
- 2 340/10.2 (1 OR, 1 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/825 SELECTIVE  
340/10.1 .Interrogation response  
340/10.2 ..Contention avoidance

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- 2 340/7.54 (1 OR, 1 XR)
    - Class 340 : COMMUNICATIONS: ELECTRICAL
    - 340/825 SELECTIVE
    - 340/825.36 .Having indication or alarm (e.g., location indication)
    - 340/7.2 ..Code responsive (i.e., paging)
    - 340/7.51 ...Message presentation
    - 340/7.54 ....Via externally coupled device
  - 2 370/252 (0 OR, 2 XR)
    - Class 370 : MULTIPLEX COMMUNICATIONS
    - 370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION)
    - 370/252 .Determination of communication parameters
  - 2 370/280 (1 OR, 1 XR)
    - Class 370 : MULTIPLEX COMMUNICATIONS
    - 370/276 DUPLEX
    - 370/277 .Communication over free space
    - 370/280 ..Time division
  - 2 370/314 (1 OR, 1 XR)
    - Class 370 : MULTIPLEX COMMUNICATIONS
    - 370/310 COMMUNICATION OVER FREE SPACE
    - 370/313 .Portable address responsive receiver
    - 370/314 ..Using time division multiplexing
  - 2 370/331 (0 OR, 2 XR)
    - Class 370 : MULTIPLEX COMMUNICATIONS
    - 370/310 COMMUNICATION OVER FREE SPACE
    - 370/328 .Having a plurality of contiguous regions served by respective fixed stations
    - 370/329 ..Channel assignment
    - 370/331 ...Hand-off control
  - 2 370/332 (2 OR, 0 XR)
    - Class 370 : MULTIPLEX COMMUNICATIONS
    - 370/310 COMMUNICATION OVER FREE SPACE
    - 370/328 .Having a plurality of contiguous regions served by respective fixed stations
    - 370/329 ..Channel assignment
    - 370/331 ...Hand-off control
    - 370/332 ....Based upon a particular signal quality measurement
  - 2 370/335 (0 OR, 2 XR)
    - Class 370 : MULTIPLEX COMMUNICATIONS
    - 370/310 COMMUNICATION OVER FREE SPACE
    - 370/328 .Having a plurality of contiguous regions served by respective fixed stations
    - 370/329 ..Channel assignment
    - 370/335 ...Combining or distributing information via code word channels using multiple access techniques
- (e.g.,  
CDMA)
- 2 370/347 (0 OR, 2 XR)
    - Class 370 : MULTIPLEX COMMUNICATIONS
    - 370/310 COMMUNICATION OVER FREE SPACE
    - 370/345 .Combining or distributing information via time channels
    - 370/347 ..Multiple access (e.g., TDMA)

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- 2 370/349 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/345 ..Combining or distributing information via time  
           channels  
 370/349 ..Using messages having an address field as  
           header
- 2 370/448 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/431 CHANNEL ASSIGNMENT TECHNIQUES  
 370/445 ..Carrier sense multiple access (CSMA)  
 370/447 ..Arbitration for access between contending  
           stations  
 370/448 ...Using weighted back-off timing
- 2 370/522 (2 OR, 0 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having  
           multiple packets  
 370/498 ..Combining or distributing information via time  
           channels  
 370/522 ..Signaling (ancillary to main information)
- 2 370/535 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having  
           multiple packets  
 370/498 ..Combining or distributing information via time  
           channels  
 370/535 ..Multiplexing combined with demultiplexing
- 2 370/913 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/912 PACKET COMMUNICATIONS  
 370/913 ..wireless or radio
- 2 375/133 (2 OR, 0 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/130 SPREAD SPECTRUM  
 375/132 ..Frequency hopping  
 375/133 ..End-to-end transmission system
- 2 375/134 (0 OR, 2 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/130 SPREAD SPECTRUM  
 375/132 ..Frequency hopping  
 375/133 ..End-to-end transmission system  
 375/134 ...Having specific code acquisition or tracking
- 2 398/115 (0 OR, 2 XR)  
 Class 398 : OPTICAL COMMUNICATIONS  
 398/115 HYBRID COMMUNICATION SYSTEM (E.G., OPTICAL AND  
           RF)
- 2 455/12.1 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
           RETRANSMISSION OF SAME INFORMATION)  
 455/11.1 ..Portable or mobile repeater  
 455/12.1 ..Space satellite

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- 2 455/422.1 (2 OR, 0 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403     RADIOTELEPHONE SYSTEM  
     455/422.1    .Zoned or cellular telephone system
- 2 455/439 (1 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403     RADIOTELEPHONE SYSTEM  
     455/422.1    .Zoned or cellular telephone system  
     455/436     ..Handoff  
     455/439     ...Handoff initiated by another source (e.g.,  
                   target, user initiated, mobile switching center (MSC), or  
                   mobile telephone switching office (MTSO), etc.)
- 2 455/517 (0 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39     TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
     455/500     .Plural transmitters or receivers (i.e., more  
                   than two stations)  
     455/507     ..Central station (e.g., master, etc.)  
     455/517     ...To or from mobile station
- 2 455/553.1 (1 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73     TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
                   TRANSCIVER)  
     455/550.1    .Radiotelephone equipment detail  
     455/552.1    ..Operable on more than one system  
     455/553.1    ...Radiotelephone having plural transceivers  
                   (e.g., for analog and digital, trunking and cellular,  
 etc.)
- 2 709/203 (1 OR, 1 XR)  
     Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
     709/201     DISTRIBUTED DATA PROCESSING  
     709/203     .Client/server
- 2 709/206 (1 OR, 1 XR)  
     Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
     709/204     COMPUTER CONFERENCING  
     709/206     .Demand based messaging
- 2 709/220 (0 OR, 2 XR)  
     Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
     709/220     NETWORK COMPUTER CONFIGURING
- 2 709/227 (1 OR, 1 XR)  
     Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
     709/227     COMPUTER-TO-COMPUTER SESSION/CONNECTION  
                   ESTABLISHING

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Most Frequently Occurring Classifications of Patents Returned  
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Original Classifications

3 370/312  
2 370/332  
2 370/522  
2 375/133  
2 455/422.1

Cross-Reference Classifications

3 370/329  
3 370/330  
3 455/466  
2 370/252  
2 370/312  
2 370/331  
2 370/335  
2 370/337  
2 370/347  
2 370/349  
2 370/401  
2 370/448  
2 370/535  
2 370/913  
2 375/134  
2 398/115  
2 455/12.1  
2 455/502  
2 455/517  
2 709/220

Combined Classifications

5 370/312  
3 370/329  
3 370/330  
3 370/337  
3 370/401  
3 455/466  
3 455/502  
2 340/10.2  
2 340/7.54  
2 370/252  
2 370/280  
2 370/314  
2 370/331  
2 370/332  
2 370/335  
2 370/347  
2 370/349  
2 370/448  
2 370/522  
2 370/535  
2 370/913  
2 375/133  
2 375/134  
2 398/115  
2 455/12.1  
2 455/422.1  
2 455/439  
2 455/517  
2 455/553.1

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2 709/203  
2 709/206  
2 709/220  
2 709/227